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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: Fri May 11 12:15:25 EDT 2007

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Application No: 10588274 Version No: 1.1

Input Set:

Output Set:

Started: 2007-05-11 12:15:18.334
Finished: 2007-05-11 12:15:18.434
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 100 ms
Total Warnings: 12
Total Errors: 0
No. of SeqIDs Defined: 16
Actual SeqID Count: 16

ErrCode **Error Description**

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SEQUENCE LISTING

<110> Evotec NeuroSciences GmbH

<120> DIAGNOSTIC AND THERAPEUTIC USE OF KCNE4 PROTEIN FOR
NEURODEGENERATIVE DISEASES

<130> 043098wo Me/FM

<140> 10/588,274

<141> 2006-08-04

<150> PCT/EP2005/050465

<151> 2005-02-03

<160> 16

<170> PatentIn Ver. 2.1

<210> 1

<211> 170

<212> PRT

<213> Homo sapiens

<400> 1

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Ser Ser Ser Pro Leu Glu Ser Arg Ala Ala Gly Gly Ser Gly Asn
20 25 30

Gly Asn Glu Tyr Phe Tyr Ile Leu Val Val Met Ser Phe Tyr Gly Ile
35 40 45

Phe Leu Ile Gly Ile Met Leu Gly Tyr Met Lys Ser Lys Arg Arg Glu
50 55 60

Lys Lys Ser Ser Leu Leu Leu Tyr Lys Asp Glu Glu Arg Leu Trp
65 70 75 80

Gly Glu Ala Met Lys Pro Leu Pro Val Val Ser Gly Leu Arg Ser Val
85 90 95

Gln Val Pro Leu Met Leu Asn Met Leu Gln Glu Ser Val Ala Pro Ala
100 105 110

Leu Ser Cys Thr Leu Cys Ser Met Glu Gly Asp Ser Val Ser Ser Glu
115 120 125

Ser Ser Ser Pro Asp Val His Leu Thr Ile Gln Glu Glu Gly Ala Asp
130 135 140

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Gly Ser Ser Glu Asn Ile His Gln Asn Ser
165 170

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<220>
<223> Description of Artificial Sequence: primer for the
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<210> 5

<211> 19
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<210> 6
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<210> 7
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<223> Description of Artificial Sequence:primer for the
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<210> 10

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<223> Description of Artificial Sequence:primer for the
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<210> 11

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<212> DNA

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer for the
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<210> 13

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer for the
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<210> 14
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<223> Description of Artificial Sequence:primer for the
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